

Please replace Table 1 beginning on page 32, with the following
rewritten Table:

Table 1

	First E	Second E	Third E	Fourth E	Fifth E
Length (mm)					
Length of input bar	2000	1800	2500	1800	2000
Installing position of first strain gauge	900	1200	600	400	1200
Installing position of second strain gauge	600	600	300	200	600
Length of output bar	2000	1000	1500	1800	1000
Installing position of third strain gauge	300	100	200	400	200
Installing position of fourth strain gauge	600	200	400	800	400
Length of specimen	4	12	8	6	5
Overlapping of waves	⊙	⊙	⊙	○	⊙
Noise	⊙	○	○	⊙	⊙

	Sixth E	Seventh E	First CE	Second CE	Third CE
Length of input bar	1700	1500	1000	2800	1000
Installing position of first strain gauge	600	500	900	900	900
Installing position of second strain gauge	300	200	600	600	600
Length of	2500	1000	1000	2800	400

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center

output bar					
Installing position of third strain gauge	400	100	300	300	200
Installing position of fourth strain gauge	800	300	600	600	300
Length of specimen	10	7	4	18	4
Overlapping of waves	⊙	○	×	Impossible to measure	×
Noise	○	○	⊙	Impossible to measure	⊙

Please replace the paragraph beginning on page 33, line 3, with the following rewritten paragraph:

--(Installing position of first strain gauge: the interval from the rear end of the input bar (mm)

Installing position of second strain gauge: the interval from the rear end of the input bar (mm)

Installing position of third strain gauge: the interval from the front end of the output bar (mm)

Installing position of fourth strain gauge: the interval from the front end of the output bar (mm))--

IN THE CLAIMS:

Please add the following claims:

24 --23. The measuring apparatus according to claim 1, wherein said length of said output bar is set to not less than 500mm nor

more than 2500mm, and said length of said input bar is set to not less than 1500mm nor more than 2500mm.--

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--24. The method according to claim 9, wherein said length of said output bar is set to not less than 500mm nor more than 2500mm, and said length of said input bar is set to not less than 1500mm nor more than 2500mm.--

Attached hereto is a marked-up version of the changes made to the application by this Amendment.